

CLAIMS

What is claimed is:

1. A grill unit, comprising:
a plurality of grill pipes made of a metallic material and spaced apart from each other;
and
water tanks made of a resin material and connected to both ends of the grill pipes, to supply water into the grill pipes.
2. The grill unit according to claim 1, wherein each end of each of the grill pipes comprises a laterally extended part with a predetermined length, an upwardly extended part upwardly bent and extended from the laterally extended part and opened at a top thereof to interface with an inside of a corresponding one of the water tanks.
3. The grill unit according to claim 2, wherein each of the water tanks has a lower portion and a side portion, with the lower portion of each of the water tanks, which receives the ends of the grill pipes, being thicker than the side portion.
4. The grill unit according to claim 1, further comprising covers respectively over each of the water tanks to selectively open and close each of the water tanks.
5. The grill unit according to claim 1, wherein each of the grill pipes has a horizontally extended part on which food is placed that is bent to be positioned lower than both ends of the grill pipes connected to the water tanks to position the food near a heating source arranged below the food.
6. The grill unit according to claim 1, further comprising a transparent window on at least one of the water tanks to ascertain a water level inside the at least one of the water tanks.
7. The grill unit according to claim 1, further comprising a transparent pipe connected to at least one of the water tanks, the ends of the transparent pipe entering an inside of the water tank to ascertain a water level inside the at least one of the water tanks.

8. A method of manufacturing a grill unit using metallic molds, the grill unit having a plurality of grill pipes and a water tank, the method comprising:

fixing ends of a plurality of grill pipes into at least one of the metallic molds used to mold the water tank, while maintaining the ends of the grill pipes in the at least one of the metallic molds; and

molding the water tank by injecting molten resin into the at least one of the metallic molds.

9. The grill unit manufacturing method according to claim 8, further comprising cutting a pipe into the plurality of grill pipes, each grill pipe having a predetermined length, and upwardly bending the ends of the grill pipes before inserting and fixing the ends of the grill pipes in the at least one of the metallic molds.

10. A cooking apparatus, comprising:

a cabinet having at least one heater; and

a grill unit mounted on a top surface of the cabinet to support food, the grill unit comprising

a plurality of grill pipes made of a metallic material and spaced apart from each other, and

water tanks made of a resin material and connected to both ends of the grill pipes to supply water into the grill pipes.

11. The cooking apparatus according to claim 10, wherein each end of each of the grill pipes comprises a laterally extended part with a predetermined length, an upwardly extended part upwardly bent and extended from the laterally extended part and opened at a top thereof to interface with an inside of a corresponding one of the water tanks.

12. The cooking apparatus according to claim 11, wherein each of the water tanks has a lower portion and a side portion, with the lower portion of each of the water tanks, which receives the ends of the grill pipes, being thicker than the side portion.

13. The cooking apparatus according to claim 10, further comprising covers respectively over each of the water tanks to selectively open and close each of the water tanks.

14. The cooking apparatus according to claim 11, wherein each of the grill pipes has a horizontally extended part on which food is placed that is bent to be positioned lower than both ends of the grill pipes connected to the water tanks to position the food near the at least one heater arranged below the food.

15. The cooking apparatus according to claim 10, further comprising a transparent window on at least one of the water tanks to ascertain a water level inside the at least one of the water tanks.

16. The cooking apparatus according to claim 14, wherein each end of each of the grill pipes has an inclined part downwardly bent at a predetermined angle and extended from a respective laterally extended part, the horizontally extended part of each grill pipe extending between respective inclined parts to position the horizontally extended part lower than the water tanks.

17. The cooking apparatus according to claim 10, wherein the water supplied into the grill pipes from the water tanks prevents the grill pipes from overheating when heat is applied to the grill pipes, thereby preventing food placed on the grill pipes from burning.

18. A method of manufacturing a grill unit having a plurality of grill pipes and a water tank formed using detachable molds, the method comprising:

cutting a pipe at predetermined intervals to form the plurality of grill pipes;

bending and shaping an end of each of the grill pipes to form an upwardly extended part to contact water in the water tank, a laterally extended part extending from the upwardly extended part, a sloped part sloping downward from the laterally extended part, and a horizontally extended part extending from the inclined part;

setting the upwardly extended part and the laterally extended part of each of the grill pipes within a cavity formed between the molds;

molding the water tank by injecting molten resin into the cavity to integrally form the grill pipes with the water tank; and

removing the molds from the water tank after the resin has solidified, with the horizontally extended part being lower than the water tank.